## Department of Energy Advanced Scientific Computing Research (ASCR) program

## INDUSTRIAL USE OF



## **DOE/ASCR HPC RESOURCES**



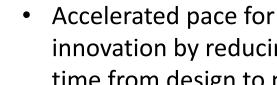
## **RESULTS IN:**













TOTAL



**Research Center** 



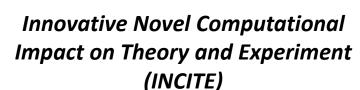














**ASCR Leadership Computing** Challenge (ALCC)



Director's Discretionary Reserve

- innovation by reducing the time from design to market;
- Reduced need for expensive experimental testing and prototypes;
- Provides engineers with analytical tools to extract great design efficiency and fuel savings;
- Provides ROI to purchase more powerful in-house computers

